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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/579,370	02/08/2007	Xiang Xu	A4-255 US	2985
7590 Stephen Z. Weiss Molex Incorporated 2222 Wellington CT. Lisle, IL 60532				
02/25/2008				
EXAMINER				
NGUYEN, TRUC T				
ART UNIT		PAPER NUMBER		
2833				
MAIL DATE		DELIVERY MODE		
02/25/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/579,370

**Applicant(s)**

XU, XIANG

**Examiner**

Truc T. T. Nguyen

**Art Unit**

2833

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 2 and 5-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 12-16 is/are allowed.
- 6) ☒ Claim(s) 1, 2, 6 and 9-11 is/are rejected.
- 7) ☒ Claim(s) 5, 7-8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/S508)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-2, 6 and 9-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Theve (US 3,416,125).

Regarding claim 1, Theve discloses an electrical terminal, comprising:

a first contact member (14) having an outer pressure contacting end portion (24) for pressure engaging a first electrical device and an enlarged inner end portion (20), the pressure contacting end portion having a given length (length of portion 22);

a second contact member (16) having an outer pressure contacting end portion (32) for pressure engaging a second electrical device and an enlarged inner end portion (34), the pressure contacting end portion having a length (length of portion 28, 30) greater than that of the pressure contacting end portion of the first contact member (see Fig. 1);

a sleeve (10) including

an inner tube (12), fabricated of a conductive material, surrounded by an outer tube (64), fabricated of a dielectric material, with the enlarged inner end portions of the contact members being reciprocally slidably mounted in opposite ends of the inner tube;

a through hole (26) for slidably receiving the inner end portions of the first and second contact members,

said through hole having first and second open ends, restricted stop means (25, 36) at the open ends of the through hole for abutting the enlarged inner ends of the contact members to define outer limit positions of the pressure contacting end portions of the contact members;

a biasing member (18) in the through hole of the housing to resiliently bias the contact members in opposite directions; and

said pressure contact end portions being defined as those parts of the contact members which project beyond the open ends when the enlarged inner end portions abut the restricted stop means.

Regarding claim 2, Theve discloses said biasing member comprises a coil spring (18) having opposite ends engageable with the enlarged inner end portions of the contact members.

regarding claim 6, Theve discloses said restricted stop means at one open end of the sleeve is formed by an inwardly turned flange (25) of the inner tube (12).

Regarding claim 9, Theve discloses the outer pressure contacting end portion of said first contact member has a rounded convex contact surface for engaging the first electrical device.

Regarding claim 10, Theve discloses the outer pressure contacting end portion (36a) of said second contact member has a rounded convex contact surface for engaging the second electrical device.

Regarding claim 11, Theve discloses the outer pressure contacting end portion of said first contact member has a rounded convex contact surface for engaging the first electrical device.

***Allowable Subject Matter***

3. Claims 12-15 are allowed.
4. Claims 5, 7-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
5. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach one of restricted stop means is formed by inwardly turned flange of the outer tube.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T. T. Nguyen whose telephone number is 571-272-2011. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800 extension 33. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Truc T. T. Nguyen/  
Primary Examiner, Art Unit 2833